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JAN 16 2003

TECH CENTER 1600/2900

January 13, 2003

Via Federal Express

Susan D. Coe, Examiner
Attn: Group 1600, 7th Floor Reception
United States Patent and Trademark Office
Crystal Mall 1
1911 South Clark St.
Arlington, VA 22202

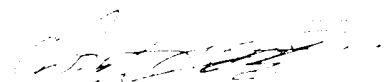
Re: *U.S. Patent Application Serial No. 10/021,970 entitled "Compositions Containing
Beta-Glucan and Lactoferrin and Their Use"*
Our Ref.: 13479.0002.CPUS01

Dear Ms. Coe:

Enclosed is a graphic prepared by our client explaining the non-obviousness of the claimed compositions.

Please call me when you have had a chance to review the graphic. I intend to file a response to the October 21, 2002 Office Action by January 21, 2003, and would like it to place the claims in the best possible condition.

Very truly yours,



Christopher J. Buntel, Ph.D.

CJB:mn
Enclosure

Synergistic Effect of Compositions Comprising Beta glucan & Lactoferrin

**The Instant Invention Promotes the Efficacy
of each Ingredient and Mitigates the Detriments**

1st Ingredient

**Properties
of
Beta glucan**

**Macrophage
Activation**

**Promotes
TNF-Alpha
Production**

**Promotes
TNF-Alpha
Production**

**Promotes
IL-6
Production**

**Over-activate
the Immune
System**

Novelty of Interaction is to allow Long-Term
Sustained Benefits through Daily Use
of Each Ingredient without
the Negative Side-Effects

Activated Macrophages
& Increased Neutrophils
for Effective Elimination
of Bacterial, Viral, or
Fungal Insults

Helps to Balance TNF-Alpha Production.
Decreases in TNF-Alpha Production Exposes the
Host to an Increased Risk of Cancer Growth

Helps to Balance TNF-Alpha Production.
Increases in TNF-Alpha lead to Chronic
Inflammation and Promote Disease Processes.

Interleukin 6 Promotes
Inflammation thereby
Impairing Repair
of Vital Tissue

Balance is achieved
when the two
ingredients are

2nd

Ingredient

**Properties
of
Lactoferrin**

**Neutrophil
Proliferation**

**Inhibits
TNF-Alpha
Production**

**Inhibits
TNF-Alpha
Production**

**Inhibits
IL-6
Production**

**Immune
System
Modulation**

Legend

☐ Positive Benefit

☐ Negative Side-Effect